

Assault-related Gunshot & Sharp Instrument Cases

Injury Cases Reported by Hospital Emergency Departments to the Weapon Related Injury Surveillance System¹

Massachusetts Residents, Selected Cities & Towns, 2006 & 2007									
Patient's City of Residence	Population*	2006 Cases	2007 Cases	2007 Rate*	Patient's City of Residence	Population*	2006 Cases	2007 Cases	2007 Rate*
Group 1: Towns over 175,000 population:					Group 4: continued				
Boston	590,763	490	549	92.9	Chelsea	32,792	30	32	97.6
Worcester	175,454	60	60	34.2	Danvers	25,833	1	0	0.0
TOTAL Group 1:	766,217	550	609	79.5	Dartmouth	31,366	5	8	25.5
Group 2: Towns 75,000-175,000 population:					Dracut	29,385	2	3	--
Brockton	94,191	94	85	90.2	Everett	37,008	10	20	54.0
Cambridge	101,365	16	10	9.9	Falmouth	33,590	8	13	38.7
Fall River	91,474	83	45	49.2	Fitchburg	40,050	16	27	67.4
Lowell	103,229	37	46	44.6	Franklin	31,267	1	0	0.0
Lynn	87,991	40	46	52.3	Gloucester	30,564	5	1	--
New Bedford	92,538	118	93	100.5	Holyoke	39,765	30	28	70.4
Newton	82,819	2	2	--	Leominster	41,549	10	5	12.0
Quincy	91,058	13	13	14.3	Lexington	30,231	0	1	--
Springfield	151,176	159	187	123.7	Marlborough	38,062	1	2	--
TOTAL Group 2:	895,841	562	527	58.8	Melrose	26,666	2	6	22.5
Group 3: Towns 50,000-75,000 population:					Methuen	44,259	8	10	22.6
Brookline	55,241	0	1	--	Milford	27,523	4	4	--
Chicopee	54,428	16	7	12.9	Milton	25,902	4	6	23.2
Framingham	64,762	5	6	9.3	N Andover	27,196	4	0	0.0
Haverhill	60,176	21	14	23.3	N Attleboro	27,946	5	3	--
Lawrence	70,662	84	58	82.1	Natick	31,886	0	2	--
Malden	55,595	15	21	37.8	Needham	28,368	0	0	0.0
Medford	55,681	17	14	25.1	Northampton	28,592	5	1	--
Peabody	51,734	6	7	13.5	Norwood	28,365	0	3	--
Plymouth	55,516	9	12	21.6	Pittsfield	43,497	18	13	29.9
Somerville	74,554	25	21	28.2	Randolph	30,326	8	15	49.5
Taunton	56,074	16	21	37.5	Revere	46,833	22	23	49.1
Waltham	59,352	3	6	10.1	Salem	41,343	9	5	12.1
Weymouth	53,606	11	11	20.5	Saugus	27,107	2	4	--
TOTAL Group 3:	767,381	228	199	25.9	Shrewsbury	33,262	0	1	--
Group 4: Towns 25,000-50,000 population:					Stoughton	26,901	6	2	--
Agawam	28,510	4	1	--	Tewksbury	29,418	3	1	--
Amherst	34,049	0	2	--	W Springfield	27,849	6	8	28.7
Andover	33,475	1	2	--	Watertown	32,165	1	3	--
Arlington	41,075	1	6	14.6	Wellesley	26,987	0	1	--
Attleboro	43,283	8	4	--	Westfield	40,460	5	2	--
Barnstable	47,380	12	5	10.6	Woburn	37,010	5	4	--
Beverly	39,538	3	1	--	TOTAL Group 4:	1,583,611	273	284	17.9
Billerica	41,391	1	3	--	Group 5: Towns under 25,000 population:²				
Braintree	34,185	5	2	--	TOTAL Group 5:	2,424,143	175	191	7.9
Bridgewater	25,695	1	0	0.0	Massachusetts:³				
Chelmsford	33,707	1	1	--	TOTAL Statewide:	6,437,193	1934	1929	30.0

Source: Weapon Related Injury Surveillance System, Massachusetts Department of Public Health.

•Cases are defined as any assault-related gunshot or sharp instrument wound treated in a hospital emergency department.

*Population data used to calculate rates are from the US Census Bureau, 2006 Population Estimates

All rates are crude rates per 100,000 residents. Rates are not calculated on counts less than 5; rates that are based on counts less than 20 may be unstable. Caution should be used when interpreting these data.

¹ Based on past record reviews, the statewide hospital reporting level is estimated to be between 70 and 80%.

² Counts for cities and towns in Group 5 (those having populations of less than 25,000 residents) are not shown individually.

³ Statewide totals include cases for which patient's city of residence was unknown or missing (n=146 in 2006; n=119 in 2007).

Prepared by the Injury Surveillance Program, Massachusetts Department of Public Health (March, 2008).